Lab Assignment no. 3

Code:

#include<iostream>

#include<string.h>

using namespace std;

class publication

{

public:

string t;

float p;

void getdata()

{

cout<<"Enter title of publication:";

cin>>t;

cout<<"\nEnter price of book:$";

cin>>p;

}

void putdata()

{

cout<<"\nPublication title:"<<t;

cout<<"\nBook's' price is:$"<<p<<endl;

}

};

class book : public publication

{

public:

int pc;

void getdata()

{

publication::getdata();

cout<<"\nEnter Book page count:";

cin>>pc;

}

void putdata()

{

publication::putdata();

cout<<"\nBook page count:"<<pc;

}

};

class tape : public publication

{

private:

float pt;

public:

void getdata()

{

publication::getdata();

cout<<"\nEnter tape's playing time(in mins):";

cin>>pt;

}

void putdata()

{

publication::putdata();

cout<<"\nTape's playing time is:"<<pt<<"mins";

}

};

int main()

{

book b;

tape t;

b.getdata();

t.getdata();

b.putdata();

t.putdata();

return 0;

}

Output:

Enter title of publication:Maurya

Enter price of book:$300

Enter Book page count:200

Enter title of publication:Balbharti

Enter price of book:$99

Enter tape's playing time(in mins):45

Publication title:Maurya

Book's' price is:$300

Book page count:200

Publication title:Balbharti

Book's' price is:$99

Tape's playing time is:45mins